

# Lenco

24" LED TV

MODEL NO.: LED-2412

## ***USER MANUAL***



For information and support, [www.lenco.eu](http://www.lenco.eu)

Read this manual carefully and retain for future reference

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**The exclamation point within an equilateral Triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.**

Read these instructions.  
Keep these instructions.  
Heed all warnings.  
Follow all instructions.

Please refer to the specification sheet on page 18 for the character of this TV set. The 3-pin plug of this TV set can only fit the electrical outlet with earth. Do not break the earth pin of the plug, if the plug can not fit the electrical outlet, please turn to the professional for help.

Please unplug the TV power cord when the following conditions occur:

- When there is a thunder storm (Please pull out the power cord and antenna)
- When Cleaning the TV set
- When the TV set not used for a long time.

- Do not use corrosive depurative when cleaning the TV set.
- Do not put the TV set under direct sunlight or near to the heat.
- Don't move away the TV set when turning on the power.
- Don't touch, push and scratch the surface of TV set with hard stuff.
- When the TV surface is dirty, please use the wetting cotton cloth or soft cloth with non-corrosive cleanser to clean it carefully. Don't use the acetone, toluene or alcohol to clean the TV sets.
- Be careful of the hydrosphere coagulation due to the temperature changing. The coagulated hydrosphere will damage inner electronic components. When the coagulated hydrosphere disappears, the TV screen may appear blur or spot.
- Be sure to ask technicians to install the TV sets on the wall. The incorrect installations will put the TV sets into the unsafe situation.
- Don't let the children climb up the TV sets or play near it in order to avoid being spilled from the TV sets or the TV sets damaged the children when falling down.
- Don't hit the LCD panel with hard objects (such as high-speed football or other objects) to prevent the panel from damages.
- Don't cover the TV sets with quilts or other objects when it is working. Keep the heats dissipate and keep away from the fire.



To reduce the risk of fire or electric shock, do not expose this product to water, rain or moisture. To prevent the risk of electric shock, do not remove the cover or back of this product. In case of product failure, only qualified personnel can repair. There are no user-serviceable parts inside.

**CAUTION !**

**Dangerous tension inside the product ! Do not open. Risk of electric shock ! No parts can be repaired by the end-user. Only qualified personnel can repair and maintain this product.**

If the electric cord is damaged, it must be replaced by the manufacturer or qualified after-sales personnel in order to avoid any danger.

The product must be installed in accordance with local laws.

Damaged batteries must be properly disposed. In order to protect the environment, please dispose the batteries properly, in accordance with local laws (information is available at your reseller).

Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

This appliance is to be used on temperate climate. Don't use the apparatus in tropical climates

**Where to install the product**

- Place the product on a straight, rigid and stable place. Do not place the product on a carpet.
- Do not place the product on top of another that may cause overheating (for example, a receiver or amplifier).
- Do not place anything underneath the product (for example, CDs or magazines).

**Proper ventilation**

- Place the product in a sufficiently aerated place to avoid overheating. Allow at least 10cm spacing at the back and top of the product, and 5cm spacing on both sides to prevent overheating.
- Do not place items such as newspapers, tablecloth, curtains, in front of the ventilating openings.

**Do not expose the product to high temperatures, moisture, water and dust.**

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus
- Do not place other items close to this product that may damage it (for example, an object containing water or lightened candles).
- No naked flame sources, such as lighted candles, should be placed on the apparatus.

**Electric supply**

- Please unplug the product in case of prolonged non-use.
- If the supply cable is damaged, it must be replaced by the manufacturer or qualified after-sales personnel to avoid any danger.
- This product must be connected to an electrical supply 230V ~ 50Hz.
- The plug must be accessible after installation



This product is compliant with directives 2006/95/CE (abrogating the directive 73/23/CEE modified by the directive 93/68/CEE) and 2004/108/CE (abrogating the directive 89/336CEE).

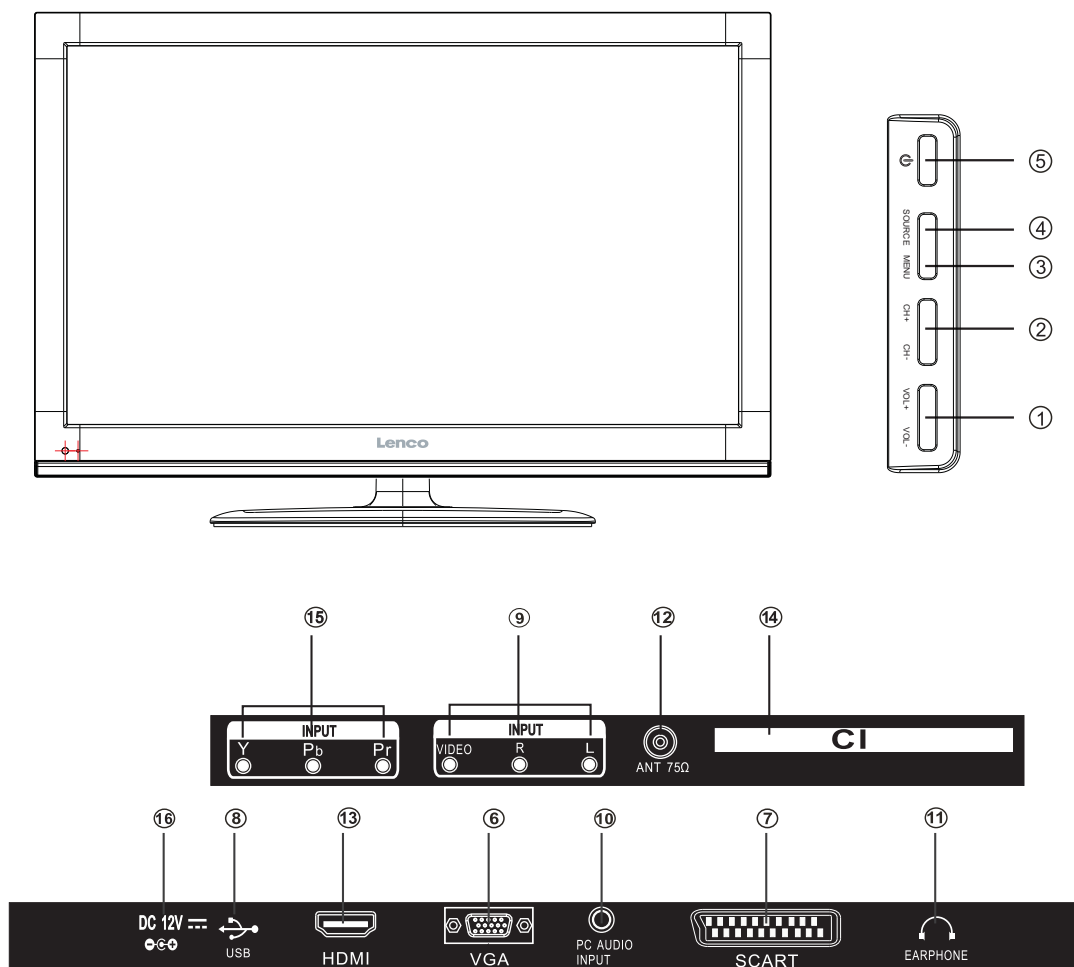


- The European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimize the recovery and recycling of the materials they contain and reduce the impact on human health and the environment.

The crossed out “wheeled bin” symbol on the product reminds you of your obligation, that when you dispose of the appliance it must be separately collected.

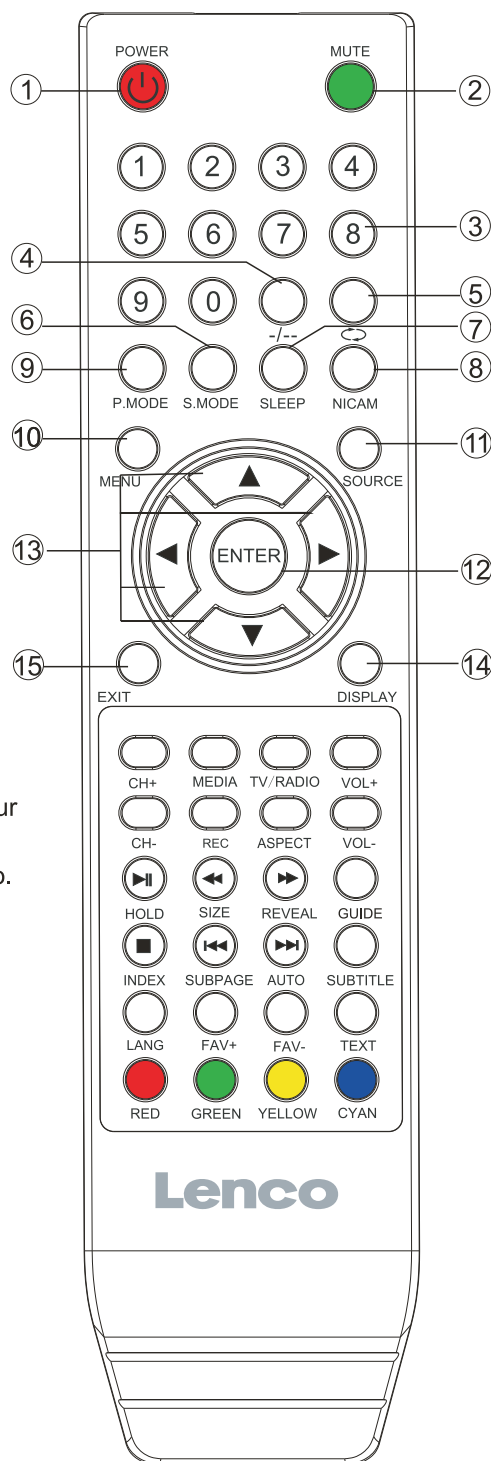
Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

- The screen is made of crystal with a thin plastic surface which can be damaged if it falls, or is scratched or knocked.
- Do not use solvents such as acetone, petrol to clean the screen and TV frame.
- Avoid any contact with any kind of liquids
- The apparatus shall not be exposed to excessive heat such as sunshine during too long periods of time
- Consider as normal a light overheating of the apparatus after a long using period.
- If in doubt, please refer to qualified service personnel
- Do not change any product characteristics
- The apparatus is already configured; do not try to change internal components.
- Sometimes, a pixel can be dead; it will be represented by a blue, red, green or black dot. This doesn't affect the product functioning, please consider it as normal.



1. VOL+/-: Adjusting Volume
2. CH+/-: Selecting channel
3. MENU: Display main MENU and confirm MENU item selection
4. SOURCE: External signal input selection
5. POWER: Turn on/off POWER
6. VGA Input: PC analog signal input
7. SCART: It is a connection for european standard, it supports composite and RGB signal input.
8. USB: USB Instruction.
9. VIDEO/R/L: external AV signal input and relevant right/left sound channel.
10. VGA/AUDIO: VGA input and audio input when VGA input.
11. EARPHONE: Earphone Output
12. ANT 75: Connect the antenna/cadle TV input(75/VHF/UHF)
13. HDMI Input: Digital signal input from HDMI video connector
14. CI CARD: It only for digital TV
15. YPBPR
16. DC 12V

1. **POWER** : Sets your TV to power on or standby mode.
2. **MUTE** : Press to mute the sound. Press again or press VOL+ to unmute.
3. **0--9** Press 0~9 to select a TV channel directly while watching TV. The channel will change after 2 seconds. Applicable for entering page number in teletext mode and so on.
4. **-/-** Press this button to enter a program number for different digit. eg. -/- - / ---
5. **↶** Return to the previously viewed program.
6. **S.MODE** Press to cycle through the different sound settings
7. **SLEEP** Select amount of time before TV turn itself off automatically.
8. **NICAM** Press to search the NICAM modes.
9. **P.MODE** Press to cycle through the different picture settings
10. **MENU** : Allows you to navigate the on-screen menus.
11. **SOURCE** : Open the main menu ,press to list the sources items:
- 12/13. **▲ ▼ ◀ ▶ ENTER** : Allows you to navigate the on-screen menus and adjust the system settings to your preference .
14. **DISPLAY** : Press to display the source and channel's info.
15. **EXIT**: Exist from the menu or sub-menu and cancels the function in progress (if applicable)



### Battery Installation:

Remove the battery compartment lid on the rear of the remote control by sliding the lid down, then off. Put two AAA batteries inside the battery compartment with their + and - ends aligned as indicated. Do not mix old and new batteries or different types of batteries. Replace the battery compartment lid. Slide the lid until you hear it click into place.



16. **MEDIA** enter into the Media mode  
(you should change the channels to exit)

17. **REC** record begin or stop

▶▶ next chapter.

◀◀ previous chapter.

◀◀ fast reverse.

▶▶ fast forward.

▶|| Play/Pause

■ Stop

18. **TEXT** Switch the Teletext ON and OFF.

19. **SUBPAGE** Press to access sub page.

20. **HOLD** HOLD On or Off for current page display .

21/22/23/24. **RED/GREEN/YELLOW/CYAN** : change the teletext on the Analogue part. Choose the item on DTV menu and MEDIA menu.

25. **SIZE** Change the size of display in Teletext mode.

26. **REVEAL** Reveal or Hide the hidden words.

27. **CH-/CH+** Press to scan through channels or to select a channel.

28. **INDEX** Request the Index page in Teletext mode.

29. **VOL-/VOL+** Press to increase / decrease the sound level.

30. **ASPECT** Select picture scale.

31. **GUIDE** Launches the CPG (Electronic Program Guide)

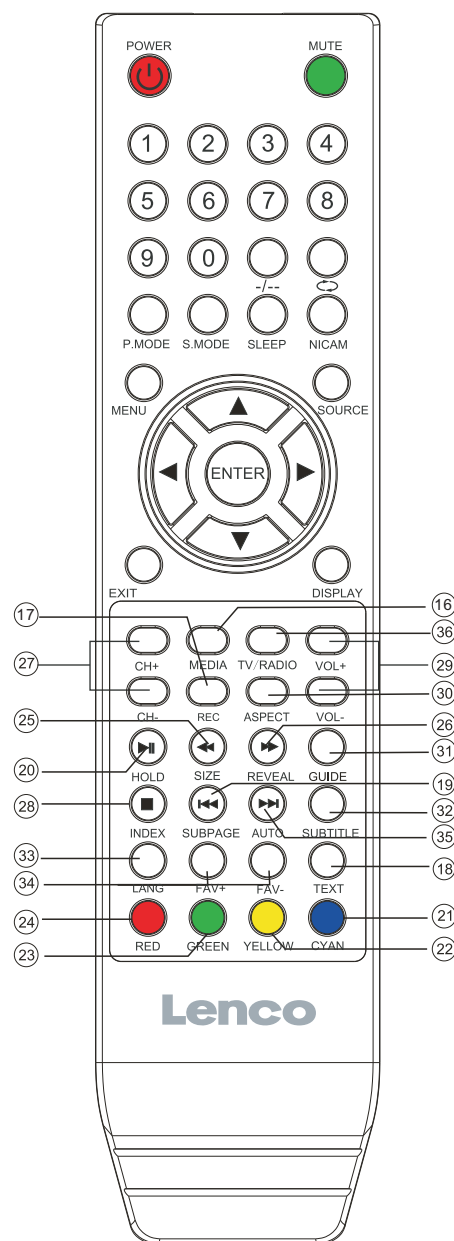
32. **SUBTITLE** To display subtitle in TV mode

33. **LANG** Shows the list of audio languages available for the current channel

34. **FAV+ /-** Press to increase / decrease the favourite channel.

35. **AUTO** Press to adjust the VGA settings for the best screen.

36. **TV/RADIO** When watching a channel, allows you to switch between TV and Radio modes.



### Using the Remote Control:

Unless stated otherwise, the remote control can operate all the features of the LCD TV.

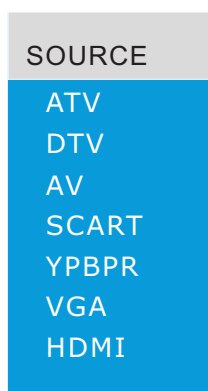
Always point the remote control directly at the remote sensor in the front of the LCD TV.

*For models with Teletext function only*

*This page shows the function of the buttons on the remote control unit in Teletext mode*

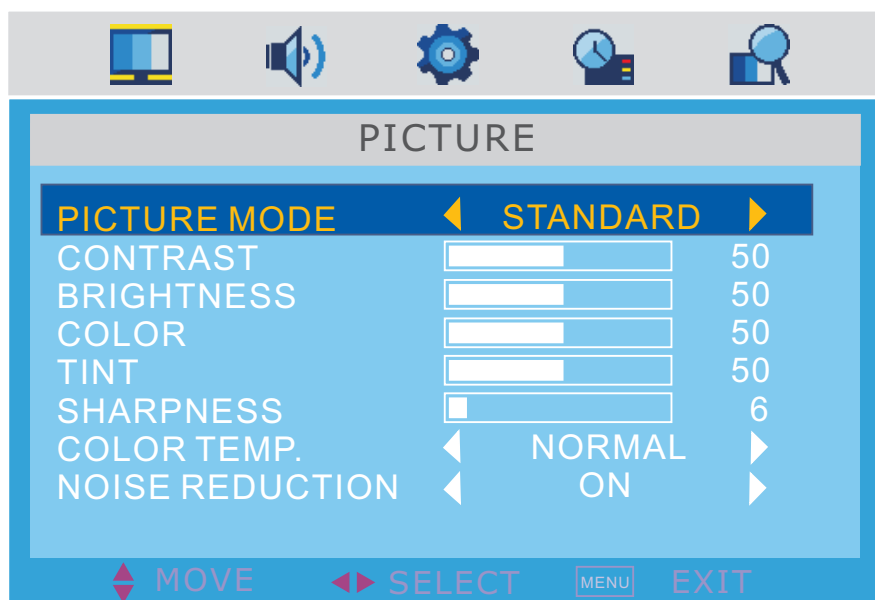
## SELECT INPUT SOURCE

### INPUT SOURCE



- Use **SOURCE** button to display the input source list;
- Use **【▲】** / **【▼】** button to select the input source you want to watch;
- Use **ENTER** button to enter the input source;

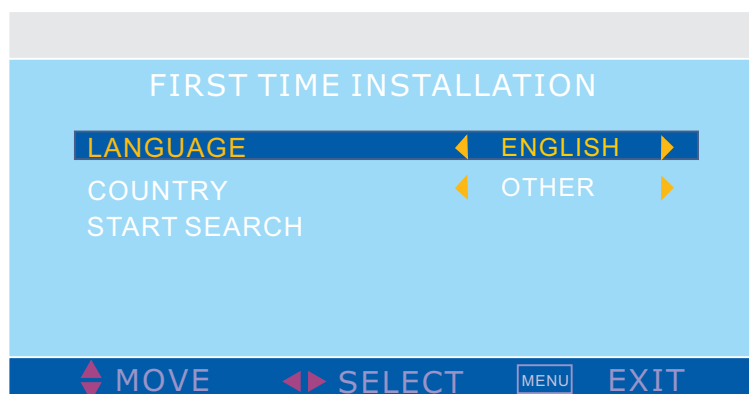
### BASIC OPERATION



- Use **MENU** button to display the **MAIN OSD MENU**;
  - Use **【▲】** / **【▼】** button to select the MENU you want;
  - Use **【▶】** button to enter the sub menu;
- You can use **MENU** or **EXIT** button to save and return back to the previous menu .
- Use **【▲】** / **【▼】** button to select the option and then press **【◀】** / **【▶】** to adjust the value in the sub menu;

## First Time Installation

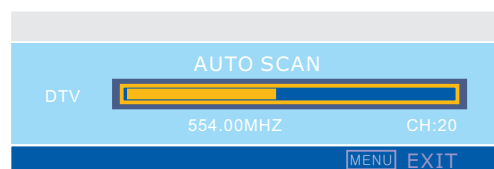
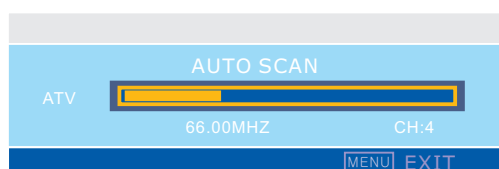
If this is the first time you turn on the TV and there is no TV programs memory, there will display **First Time Installation** menu on screen just as the following picture. A screen will display asking you to run a Channel Auto Scan to search and receive available local channels. And the channels will be stored in the TV tuner.



· Use down **【▼】** arrow button to highlight LANGUAGE. Navigate using **【◀】** / **【▶】** arrow button to select the OSD language. There are 6 language for selection: ENGLISH, GERMAN, FRENCH, SPANISH, ITALIAN, PORTUGUESE.

· Use down **【▼】** arrow button to highlight COUNTRY. Navigate using **【◀】** / **【▶】** arrow button to select the country. There are 6 country for selection: UK, ITALY, SPAN, FRANCE, GERMANY, OTHER,.

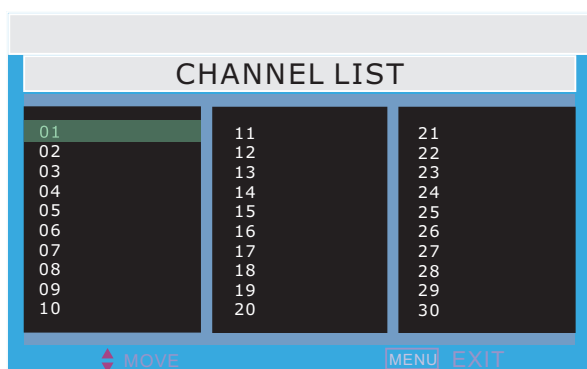
After setting these items, you can press MENU to give up your installation and exit. Or press **【▼】** / **【▲】** button to highlight START SEARCH and then press **【▶】** button, the Auto Search will begin as the following picture:



## Channel List

· Use down **【ENTER】** button to call out the CHANNEL LIST.

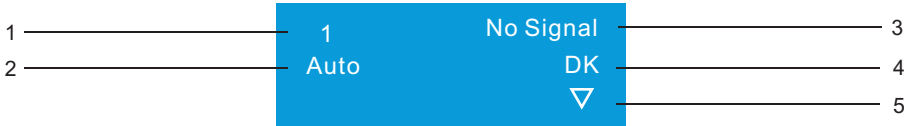
ATV CHANNEL LIST



# TV Information

## Program Information

Press **【DISPLAY】** button to display program information.



1. Current Channel Number.
2. The colour system of current program, could be changed on **Manual Tuning** menu(an option of **SETUP** menu).
3. Current program name.
4. The sound system of current program, could be changed in **Manual Tuning** menu(an option of **SETUP** menu).
5. The NICAM mode of current program.



If the icon of NICAM mode is red, it means the current program supplies multiple NICAM signals, and you can change it by pressing **NICAM** button.

Four kinds of NICAM modes and relative icons:



Mono



Stereo



Dual I



Dual II

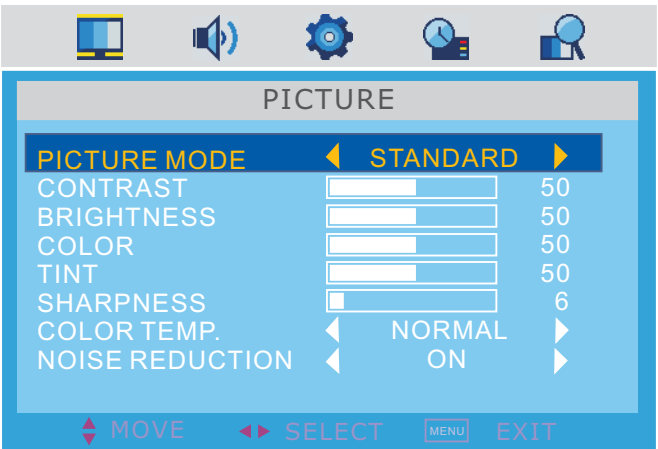
# PICTURE

The **PICTURE** menu offers options to enhance and refine the picture displayed on your TV based on ambient room light and personal prefer-ences. Adjustment options include PICTURE MODE, CONTRAST, BRIGHTNESS, COLOR, TINT, SHARPNESS, COLOR TEMP. and NOISE REDUCTION.

## How to Navigate:

Press the **MENU** button on the remote control. Navigate using **【◀】 / 【▶】** arrow buttons to select **PICTURE**. Press the down **▼** arrow button to highlight **PICTURE MODE**, then press the **【◀】 / 【▶】** arrow button to select your viewing preference from 4 factory options: **STANDARD > MOVIE > VIVID > PERSONAL**.

The **STANDARD** setting is recommended for most viewing environments. Depending on the ambient light level in the room, you may ind one of the other options more pleasing.



To make more critical adjustments based on your own preferences in **PERSONAL**:

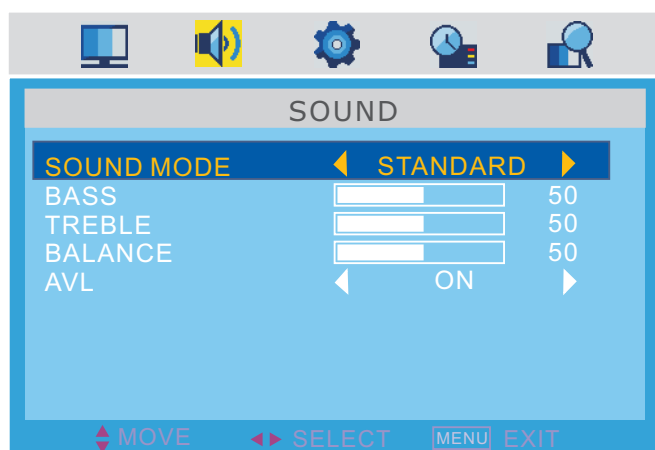
- Use down **【▼】** arrow button to highlight CONTRAST. Navigate using the **【◀】 / 【▶】** arrow buttons to increase or decrease contrast intensity.
- Use down **【▼】** arrow button to highlight BRIGHTNESS. Navigate using the **【◀】 / 【▶】** arrow buttons to increase or decrease overall brightness.
- Use down **【▼】** arrow button to highlight COLOR. Navigate using the **【◀】 / 【▶】** arrow buttons to increase or decrease color intensity.
- Use down **【▼】** arrow button to highlight TINT. Navigate using the **【◀】 / 【▶】** arrow buttons to adjust colors toward green or reddish tint.
- Use down **【▼】** arrow button to highlight SHARPNESS. Navigate using the **【◀】 / 【▶】** arrow buttons to soften or view crisper edges in the picture.
- Use down **【▼】** arrow button to highlight COLOR TEMP.. Navigate using the **【◀】 / 【▶】** arrow buttons to select COOL (more bluish tone), NORMAL or WARM. The default setting is NORMAL.
- Use down **【▼】** arrow button to highlight NOISE REDUCTION. Navigate using the **【◀】 / 【▶】** arrow buttons to select it ON or OFF.

## SOUND

The **SOUND** menu offers options to make sound enhancements while listening through the built-in speakers

### How to Navigate:

Press the **MENU** button on the remote control. Navigate using **【◀】 / 【▶】** arrow buttons to select **SOUND**. Press the **【▼】** arrow button to highlight **SOUND MODE**, then press the **【◀】 / 【▶】** arrow button to select your sound preference from 4 factory options: **STANDARD > MOVIE > MUSIC > PERSONAL**.



To make more critical sound adjustments based on your own preferences in **PERSONAL**:

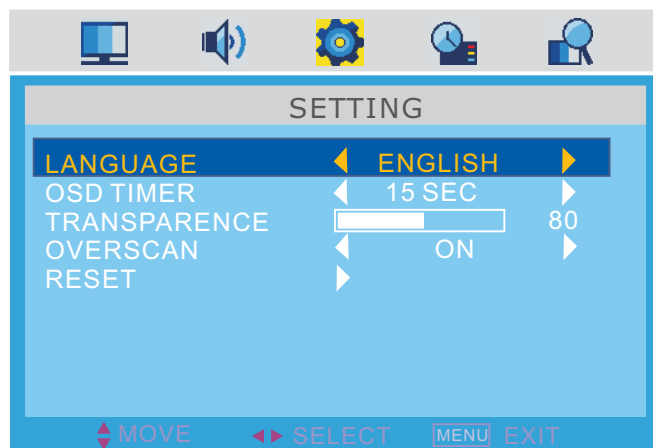
- Use down **【▼】** arrow button to highlight Bass. Navigate using the **【◀】 / 【▶】** arrow buttons to increase or decrease low frequency intensity.
- Use down **【▼】** arrow button to highlight TREBLE. Navigate using the **【◀】 / 【▶】** arrow buttons to increase or decrease high frequency intensity.
- Use down **【▼】** arrow button to highlight BALANCE. Navigate using the **【◀】 / 【▶】** arrow buttons to adjust sound towards the left or right speaker.
- Use down **【▼】** arrow button to highlight AVL. Navigate using the **【◀】 / 【▶】** arrow buttons to select it ON or OFF.

## SETTING

In the **SETTING** menu you may change the initial set up of preferences that include LANGUAGE, OSD TIMER, TRANSPARENCE, OVERSCAN, and RESET your TV back to its factory default status.

### How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow **【◀】 / 【▶】** buttons to select SETTING. Gain access to display options by pressing the down **【▼】** arrow button to highlight LANGUAGE or other options, then press **【◀】 / 【▶】** arrow buttons on your remote to select.



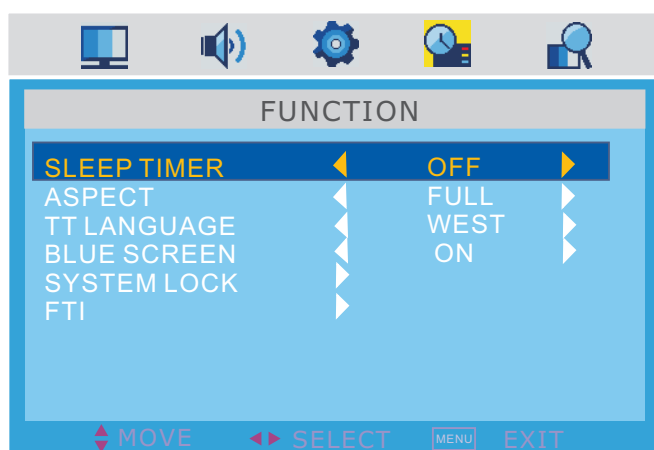
- Use down **【▼】** arrow button to highlight LANGUAGE. Navigate using **【◀】 / 【▶】** arrow button to select the OSD language. There are 6 language for selection: ENGLISH > GERMAN > FRENCH > SPANISH > ITALIAN > PORTUGUESE.
- Use down **【▼】** arrow button to highlight OSD TIMER. Navigate using **【◀】 / 【▶】** arrow button to select the OSD timer. There are 6 modes for selection: 5 SEC > 10 SEC > 15 SEC > 20 SEC > 25 SEC > 30 SEC.
- Use down **【▼】** arrow button to highlight TRANSPARENCE. Navigate using **【◀】 / 【▶】** arrow button to select the transparency of the OSD.
- Use down **【▼】** arrow button to highlight OVERSCAN. Navigate using **【◀】 / 【▶】** arrow button to select it ON or OFF. But this option is only available in the HDMI source.
- Use down **【▼】** arrow button to highlight RESET. Navigate using **【▶】** arrow button to reset the options in the SETTING menu.

## FUNCTION

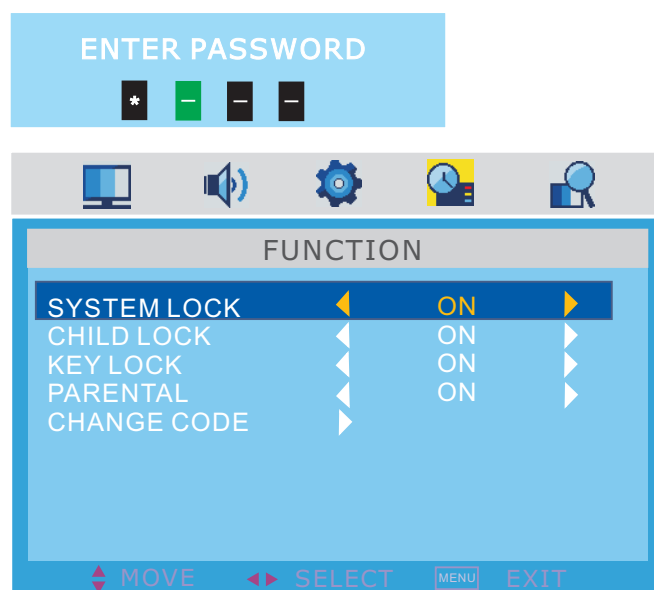
In the **FUNCTION** menu you may change the function set up of preferences that include SLEEP TIMER, ASPECT, TT LANGUAGE, BLUE SCREEN, SYSTEM LOCK and FTI.

### How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow **【◀】 / 【▶】** buttons to select FUNCTION. Gain access to display options by pressing the down **【▼】** arrow button to highlight SLEEP TIMER or other options, then press **【◀】 / 【▶】** arrow buttons on your remote to select.



- Use down 【▼】 arrow button to highlight SLEEP TIMER. Navigate using 【◀】 / 【▶】 arrow button to select the sleep timer, and the TV will turn off automatically in the setting time. There are 9 modes for selection: 15 Min>30 Min>45 Min>60 Min>75 Min>90 Min>105 Min>120 Min>OFF.
- Use down 【▼】 arrow button to highlight ASPECT. Navigate using 【◀】 / 【▶】 arrow button to select: FULL>ZOOM>SUBTITLE>4:3>14:9>AUTO. The default setting is FULL.
- Use down 【▼】 arrow button to highlight BLUE SCREEN. Navigate using 【◀】 / 【▶】 arrow button to select this option ON or OFF.
- Use down 【▼】 arrow button to highlight SYSTEM LOCK. Navigate using 【▶】 arrow button to select this option. Enter your 4 digit code (factory default code is "0000") unless previously changed to enter the submenu.



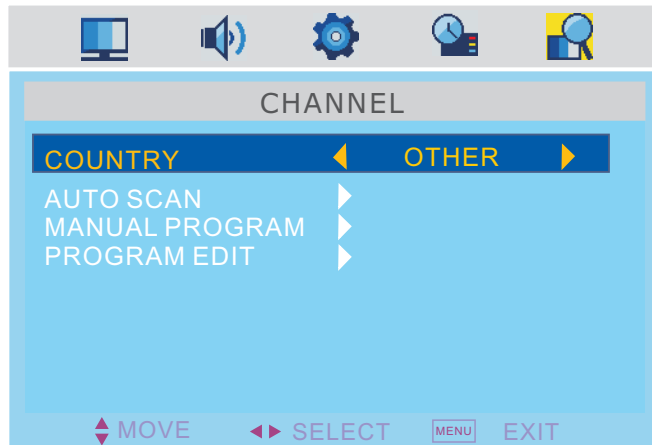
- Use down 【▼】 arrow button to highlight SYSTEM LOCK. Navigate using 【◀】 / 【▶】 arrow button to select this option ON or OFF. When set the system lock OFF, the locks below will be unavailable.
- Use down 【▼】 arrow button to highlight CHILD LOCK. Navigate using 【◀】 / 【▶】 arrow button to select this option ON or OFF. When set the child lock ON, the program locked in the PROGRAM EDIT can not be displayed.
- Use down 【▼】 arrow button to highlight KEY LOCK. Navigate using 【◀】 / 【▶】 arrow button to select this option ON or OFF. When set the key lock ON, the key can not work.
- Use down 【▼】 arrow button to highlight CHANGE CODE. Navigate using 【▶】 arrow button to change the password of the system lock. A dialog as above will appear, the enter the new password can change the password successfully.
- Use down 【▼】 arrow button to highlight CHANGE CODE. Navigate using 【▶】 arrow button to select this option ON or OFF.
- Use down MENU button to return to the main menu, then use down 【▼】 arrow button to highlight FTI. The operation can be referred to page 9.

## CHANNEL

In the **CHANNEL** menu you may change the channel set up of preferences that include COUNTRY, AUTO SCAN, MANUAL PROGRAM and PROGRAM EDIT.

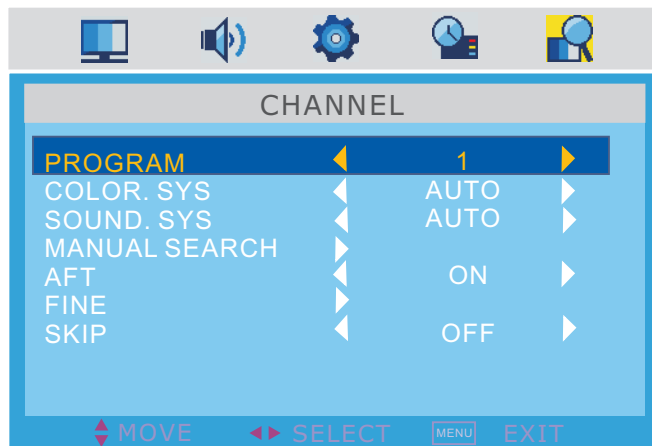
### How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow **【◀】** / **【▶】** buttons to select CHANNEL. Gain access to display options by pressing the down **【▼】** arrow button to highlight COUNTRY or other options, then press **【◀】** / **【▶】** arrow buttons on your remote to select.



·Use down **【▼】** arrow button to highlight COUNTRY and AUTO SCAN. The operation of these two options can be referred to page 9.

·Use down **【▼】** arrow button to highlight MANUAL PROGRAM. Navigate using **【▶】** arrow button to enter the submenu.



·Use down **【▼】** arrow button to highlight PROGRAM. Navigate using **【◀】** / **【▶】** arrow button to select the program that you want to watch.

·Use down **【▼】** arrow button to highlight COLOR. SYS. Navigate using **【◀】** / **【▶】** arrow button to select the color system: AUTO>PAL> SECAM.

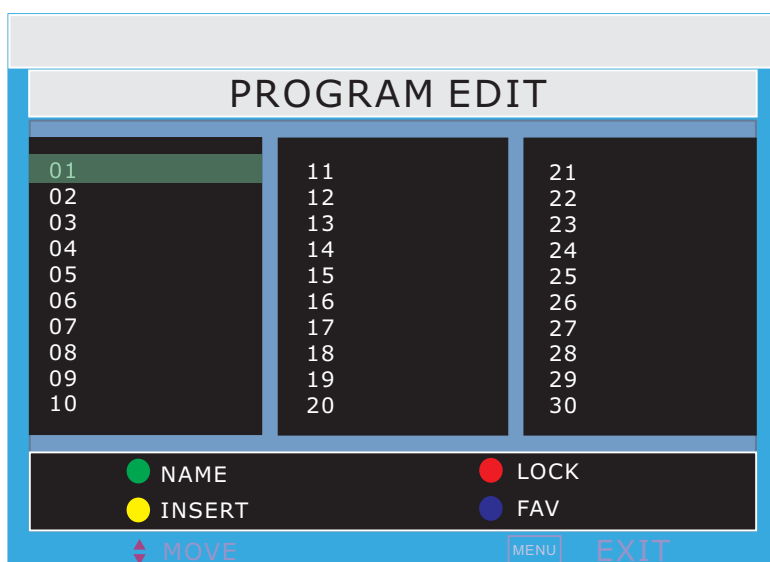
·Use down **【▼】** arrow button to highlight SOUND. SYS. Navigate using **【◀】** / **【▶】** arrow button to select the sound system: B/G> D/K> L> LL.



- Use down 【▼】 arrow button to highlight MANUAL SEARCH. Navigate using 【▶】 arrow button to select it.
- Use down 【▼】 arrow button to highlight AFT. Navigate using 【◀】 / 【▶】 arrow button to select this option ON or OFF.
- Use down 【▼】 arrow button to highlight FINE. Navigate using 【▶】 arrow button to select this option.



- Use down 【▼】 arrow button to highlight SKIP. Navigate using 【◀】 / 【▶】 arrow button to select this option ON or OFF.
- Use MENU button to return to the main menu, then use down 【▼】 arrow button to highlight PROGRAM EDIT. Navigate using 【▶】 arrow button to enter the submenu.



This option has four functions.

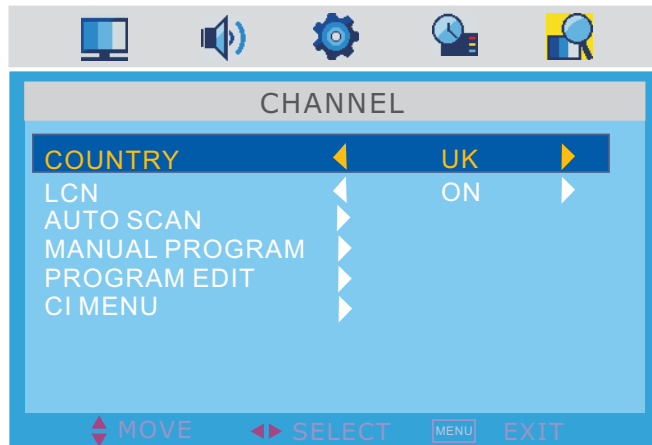
- Use Green button and the 【▲】 / 【▼】 arrow button to name the current channel.
- Use Yellow button to insert the current channel.
- Use Red button to set the current channel to lock. if the current channel already lock, press blue button again will unlock.
- Use Blue button set the current channel to your favorite channel. if the current channel already be one of your favorite channel, press Blue button again will set it to a normal channel.

## CHANNEL

In the **CHANNEL** menu you may change the channel set up of preferences in DTV that include COUNTRY, AUTO SCAN, MANUAL, PROGRAM, PROGRAM EDIT, PARENTAL and CI MENU.

### How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow **【◀】** / **【▶】** buttons to select CHANNEL. Gain access to display options by pressing the down **【▼】** arrow button to highlight COUNTRY or other options, then press **【◀】** / **【▶】** arrow buttons on your remote to select.



·Use down **【▼】** arrow button to highlight COUNTRY and AUTO SCAN. The operation of these two options can be referred to page 9.

·Use down **【▼】** arrow button to highlight MANUAL PROGRAM. Navigate using **【▶】** arrow button to enter the submenu.



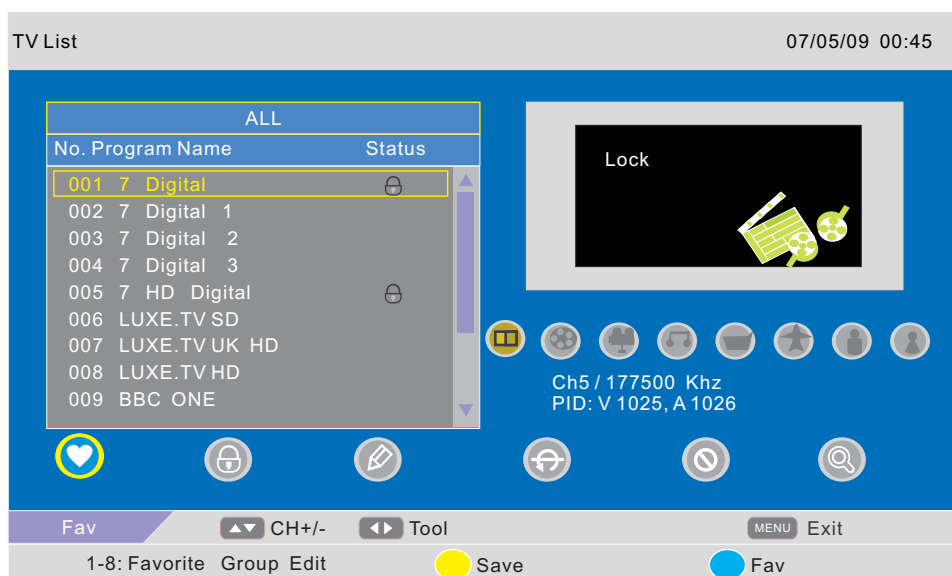
·Use down **【▼】** arrow button to highlight PROGRAM. Navigate using **【◀】** / **【▶】** arrow button to select the program that you want to watch.

·Use down **【▼】** arrow button to highlight START SEARCH. Navigate using **【▶】** arrow button to BEGIN searching.

·The other options in this menu are unavailable, as these options just display to show the current signal situation. The CHANNEL FOUND shows how many channels are found recently. The SIG. QUALITY and SIG. STRENGTH shows the quality and the strength of the current signal. And the FREQUENCY shows the frequency of the current signal.

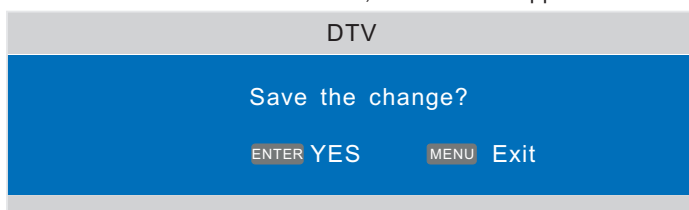
·Use down 【▼】 arrow button to highlight PROGRAM EDIT. Navigate using 【▶】 arrow button to enter the submenu as following.

#### FAV:

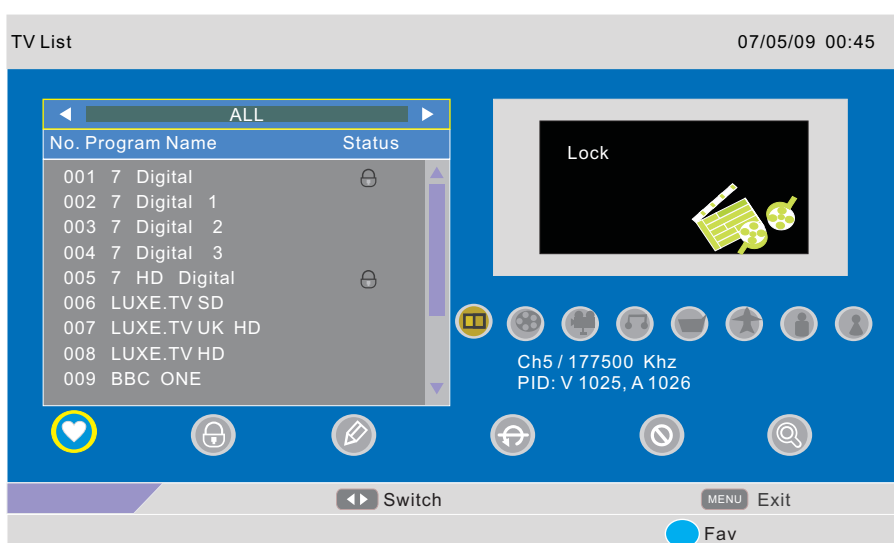


This option has three functions.

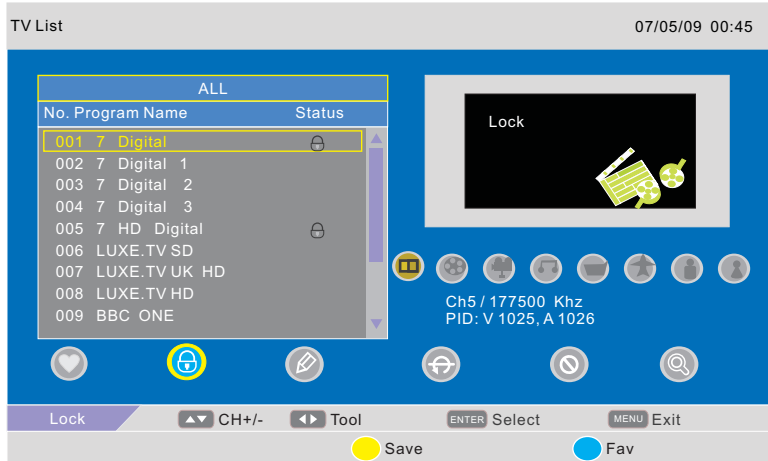
- Use the 【▲】 / 【▼】 arrow button to select channel.
- Use 【1-8】 number buttons to set the current channel to your favorite group 1-8. if the current channel already be one of your favorite group 1-8, use 【1-8】 number buttons again will set it to a normal channel.
- Use **Yellow** button on the remote, the menu will appear as follows:.



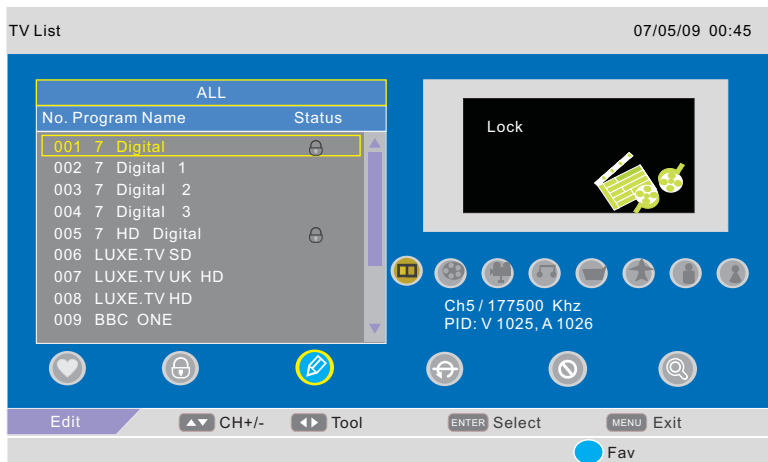
- Use the 【ENTER】 to save the change or Use the 【Menu】 button to return back the previous menu.
- Use Blue button to on the remote, the menu will appear as follows:



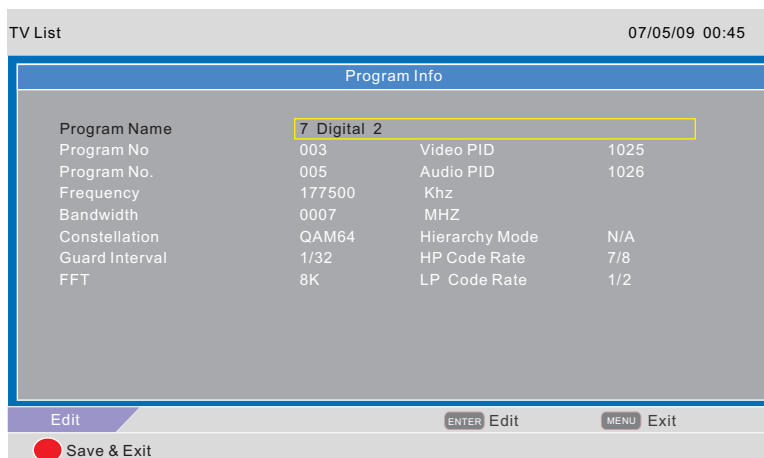
- Use the **【◀】 / 【▶】** arrow button to switch between all channel and fav 1-8 channel.
- Use the **【ENTER】** button to set the current channel to lock. if the current channel already lock, use it again will unlock.
- Use **Blue** button to return back to the previous menu.

**EDIT:**

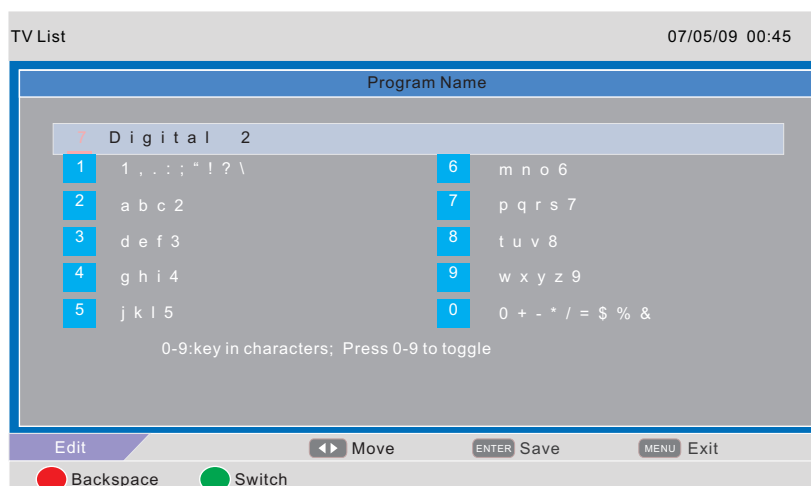
- Use the **【◀】 / 【▶】** arrow button to switch between all options and use **【ENTER】** button to select.



- Use the **【▲】 / 【▼】** arrow button to select channel, then use **【ENTER】** button to enter the program info menu.




- Use the **【▲】 / 【▼】** arrow button to select channel, then use **【ENTER】** button to rename the program.

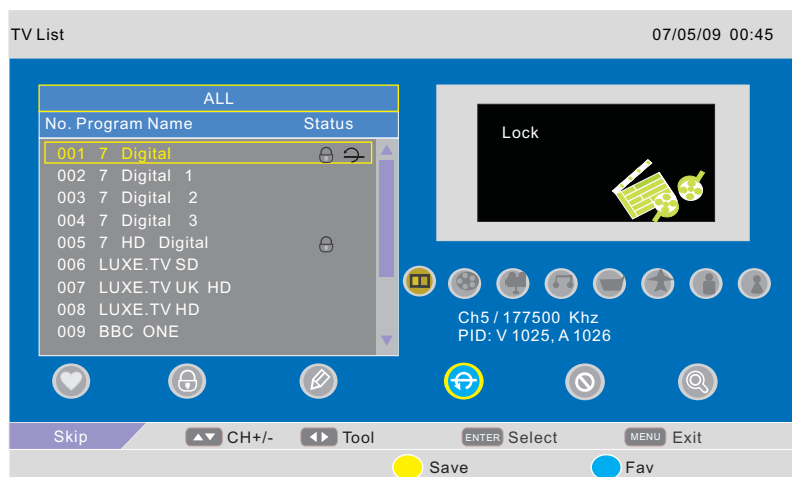


There are two options:


- Use the **【1-9】** number buttons to select different character.
- Use the **Green** button to Switch between upper and lower case letters. Circularly press the number buttons 2 to select between a, b, c and 2 and use **【ENTER】** button to save.

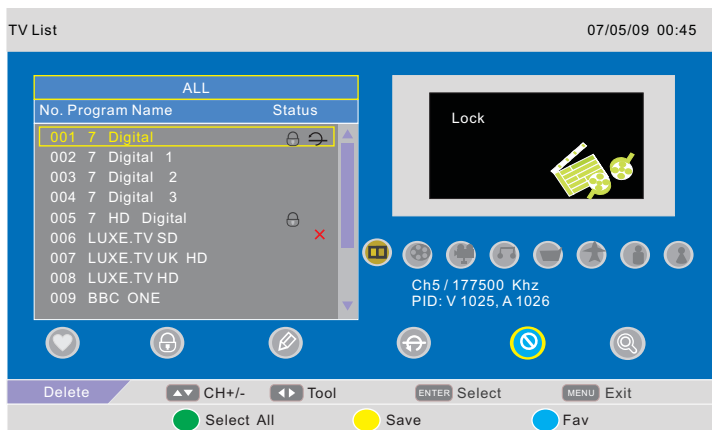
#### SKIP:

- Use the cursor buttons to select the channel you want to Skip. Use **【ENTER】** button and  will be shown at the channel selected. To remove the skip function by using **【ENTER】** button again. When a channel has been selected to Skip, you still may select that channel with the numeric buttons.

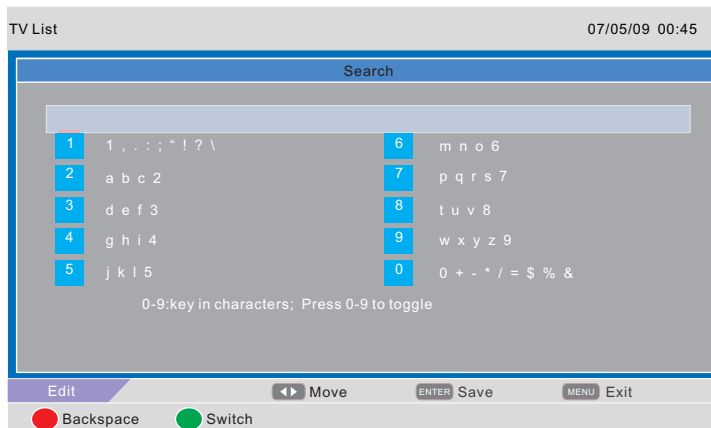


#### DELETE:

- Use the cursor buttons to select the channel you wish to delete. Use **【ENTER】** button and  will be shown at the channel selected. To remove the delete function, use **【ENTER】** button.

**SEARCH:**

- Use **【ENTER】** button to enter the search menu.



- Use the number buttons to select the corresponding characters.

**Notes:** 1. PICTURE menu and description are the same as that for TV mode.

2. SOUND menu and description are the same as that for TV mode.

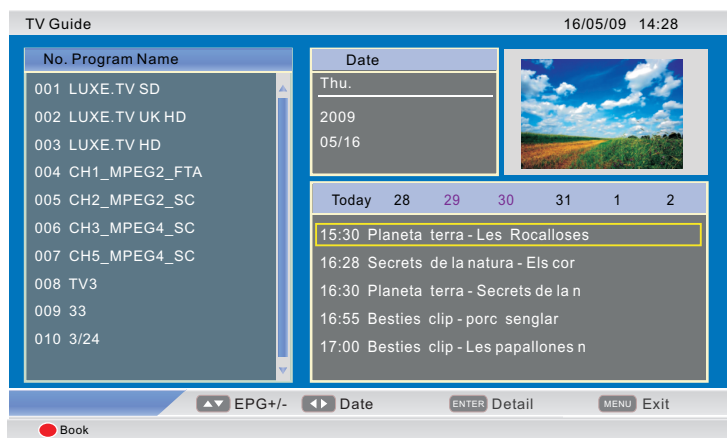
3. SETTING menu and description are the same as that for TV mode.

4. TT LANGUAGE and BLUE SCREEN are invalid in FUNCTION menu, and it will be shown in gray. Other menu and description are the same as that for TV mode.

## EPG

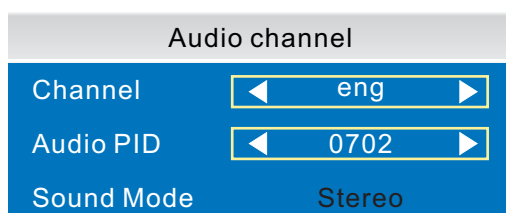
An EPG is provided by the programme providers. To access this press the EPG button on the remote control. The EPG provides programme information for the next number of hours.

- Use the **RED** button on the remote control, the menu will appear.



## AUDIO

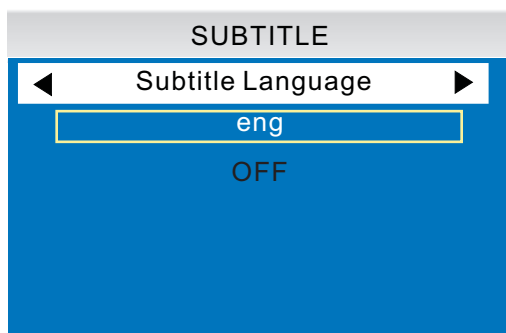
- Use the **LANG** button on the remote control, the audio menu will appear as follows:



- Use the **Left / Right** arrow button to select Sound Mode.
- Use the **Left / Right** arrow button to select Stereo/Left/Right, then use **ENTER** button to affirm.

## SUBTITLE

- Use the **SUBTITLE** button on the remote control, the subtitle menu will appear as follows:



- Use the **Left / Right** arrow button to select **language**, then press **ENTER** button to display subtitle.

## FAV

- Use the **FAV** button on the remote control, the TV list menu will appear, for detailed information please refer to page 17.

1. PICTURE menu and description are the same as that for TV mode.
2. SOUND menu and description are the same as that for TV mode.
3. SETTING menu and description are the same as that for TV mode.
4. FUNCTION menu and description are the same as that for TV mode .
5. CHANNEL menu and description are invalid in these modes .



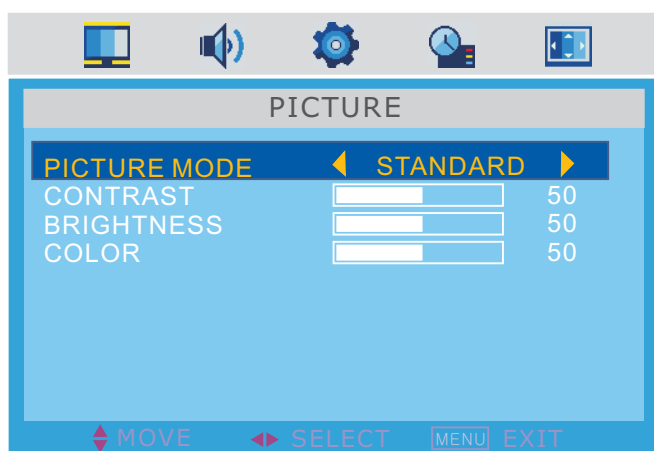
## PICTURE

The **PICTURE** menu offers options to enhance and refine the picture displayed on your TV based on ambient room light and personal preferences. Adjustment options include PICTURE MODE, CONTRAST, BRIGHTNESS and COLOR.

### How to Navigate:

Press the **MENU** button on the remote control. Navigate using **【◀】 / 【▶】** arrow buttons to select **PICTURE**. Press the down **▼** arrow button to highlight **PICTURE MODE**, then press the **【◀】 / 【▶】** arrow button to select your viewing preference from 4 factory options: **STANDARD > MOVIE > VIVID > PERSONAL**.

The **STANDARD** setting is recommended for most viewing environments. Depending on the ambient light level in the room, you may find one of the other options more pleasing.



To make more critical adjustments based on your own preferences in **PERSONAL**:

- Use down **【▼】** arrow button to highlight **CONTRAST**. Navigate using the **【◀】 / 【▶】** arrow buttons to increase or decrease contrast intensity.
- Use down **【▼】** arrow button to highlight **BRIGHTNESS**. Navigate using the **【◀】 / 【▶】** arrow buttons to increase or decrease overall brightness.
- Use down **【▼】** arrow button to highlight **COLOR TEMP**. Navigate using the **【◀】 / 【▶】** arrow buttons to select cool (more bluish tone), **NORMAL** or **WARM**. The default setting is **NORMAL**.

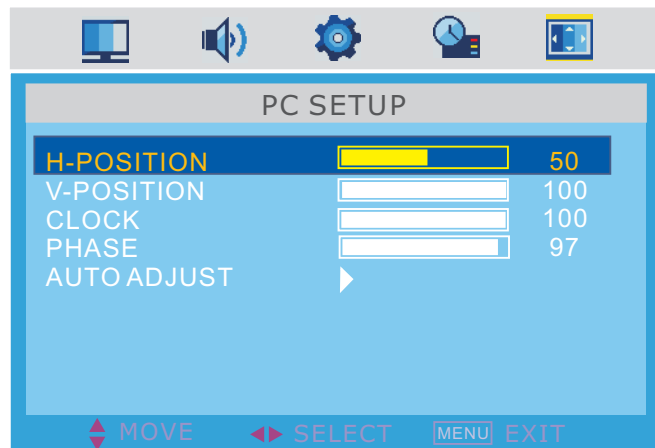
## PC SETUP

The **PC SETUP** menu is just for the **PC Mode**.

In the **PC SETUP** menu you may change the channel set up of preferences in **PC MODE** that include **H-POSITION**, **H-POSITION**, **CLOCK**, **PHASE** and **AUTO ADJUST**.

### How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow **【◀】 / 【▶】** buttons to select **PC SETUO**. Gain access to display options by pressing the down **【▼】** arrow button to highlight **H-POSITION** or other options, then press **【◀】 / 【▶】** arrow buttons on your remote to select.



- Use down 【▼】 arrow button to highlight H-POSITION. Navigate using 【◀】 / 【▶】 arrow button to select the H-POSITION.
- Use down 【▼】 arrow button to highlight V-POSITION. Navigate using 【◀】 / 【▶】 arrow button to select the V-POSITION.
- Use down 【▼】 arrow button to highlight CLOCK. Navigate using 【◀】 / 【▶】 arrow button to select the CLOCK.
- Use down 【▼】 arrow button to highlight AUTO ADJUST. Using 【▶】 arrow button to auto adjust the options above. V-POSITION.

**Notes:** 1.SOUND menu and description are the sameas that for TV mode.

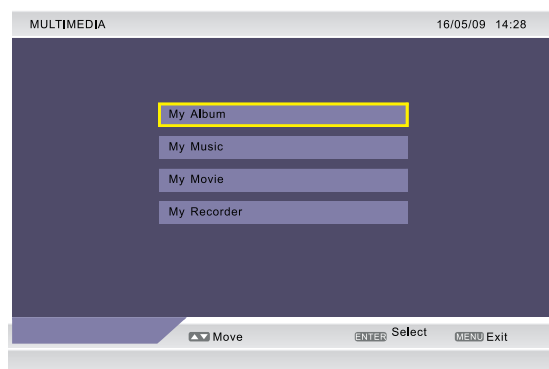
2.SETTING menu and description are the same as that for TV mode.

3. FUNCTION menuand description are the same as that for TV mode .

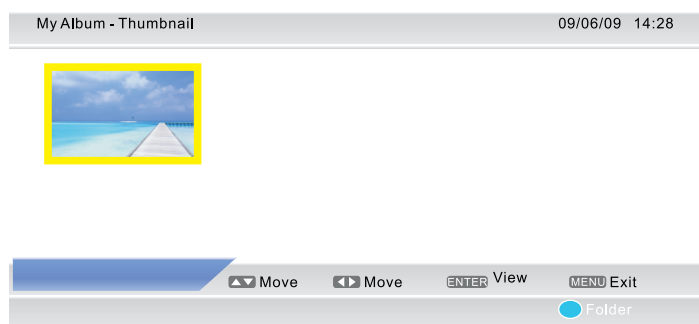
## MULTIMEDIA

**Note:** Before operating **MULTIMEDIA** menu, Plug in USB device or memory card, then press **INPUT** button to set the **Input Source** to **DTV**. **The USB only can support standard of U drive.**

- Use **【MEDIA】** button to highlight call out the **MULTIMEDIA** menu.
- Navigate using the **【▲】** / **【▼】** arrow buttons to select the options including My Album, My Music, My Movie and My Recorder, and then use **【ENTER】** to enter the submenus.

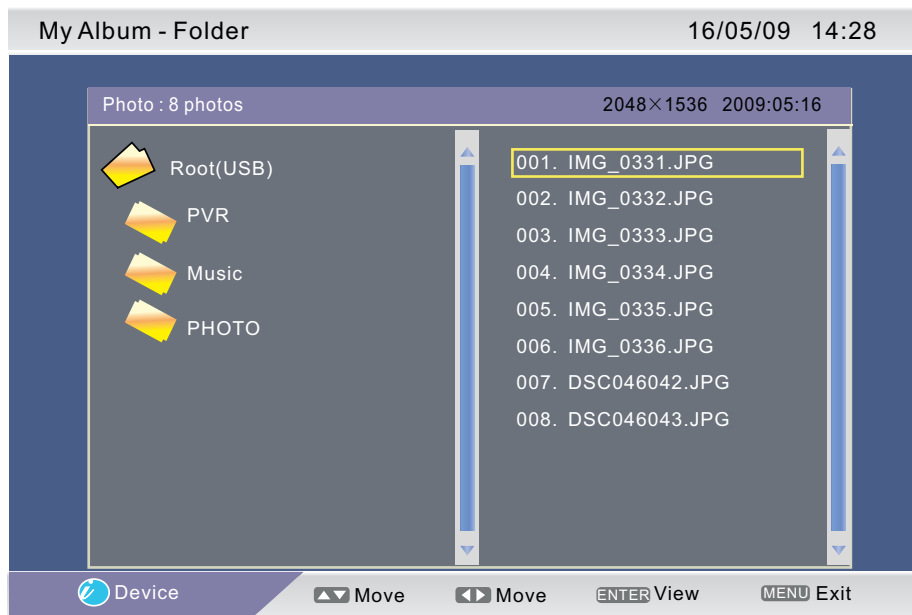


### My Album



This option has four functions.

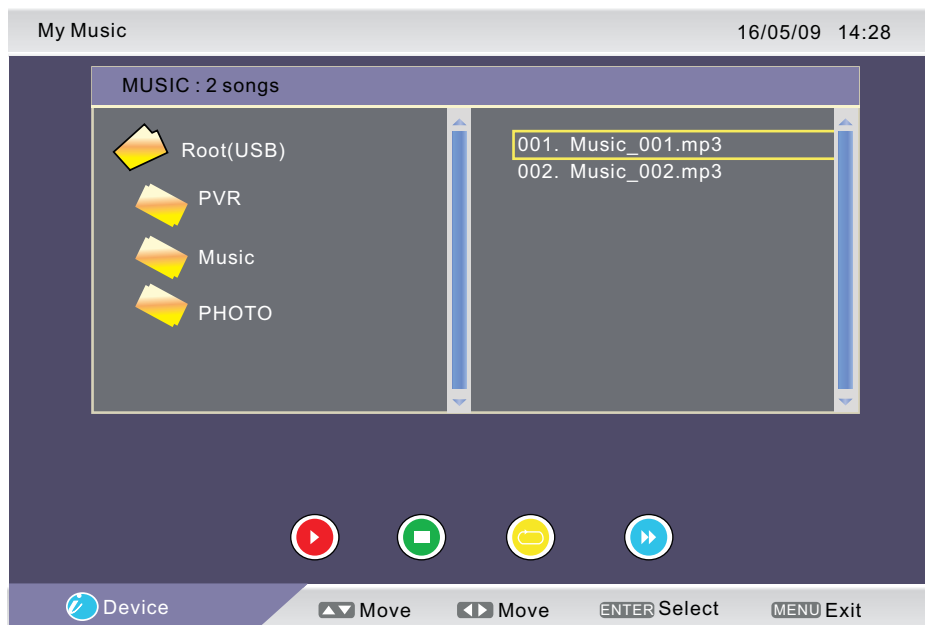
- Use the **【▲】** / **【▼】** / **【◀】** / **【▶】** arrow button to move to select picture.
- Use the **【ENTER】** button to view the picture selected.
- Use the **【MENU】** button to exit the picture preview menu.
- Use the Blue button to enter the picture folder as following.



This option has four functions.

- Use the **【DISPLAY】** button to select device.
- Use the **【▲】 / 【▼】 / 【◀】 / 【▶】** arrow button to move to select picture.
- Use the **【ENTER】** button to view the picture selected.
- Use the **【MENU】** button to exit the picture preview menu.

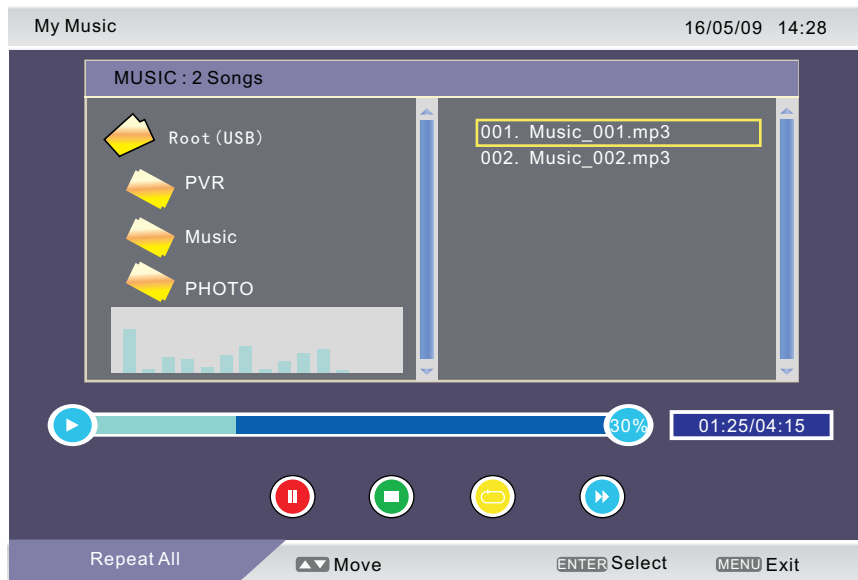
## ·My Music



This option has eight functions.

- Use the Red button to play or pause the song.
- Use the Green button to stop playing songs.
- Use the Yellow button to select the play mode roundly: No Repeat, Repeat All and Repeat Once.
- Use the Blue button to fast play the song.

- Use the **【DISPLAY】** button to select device.
- Use the **【▲】 / 【▼】 / 【◀】 / 【▶】** arrow button to move to select picture.
- Use the **【ENTER】** button to view the picture selected.
- Use the **【MENU】** button to exit the picture preview menu.

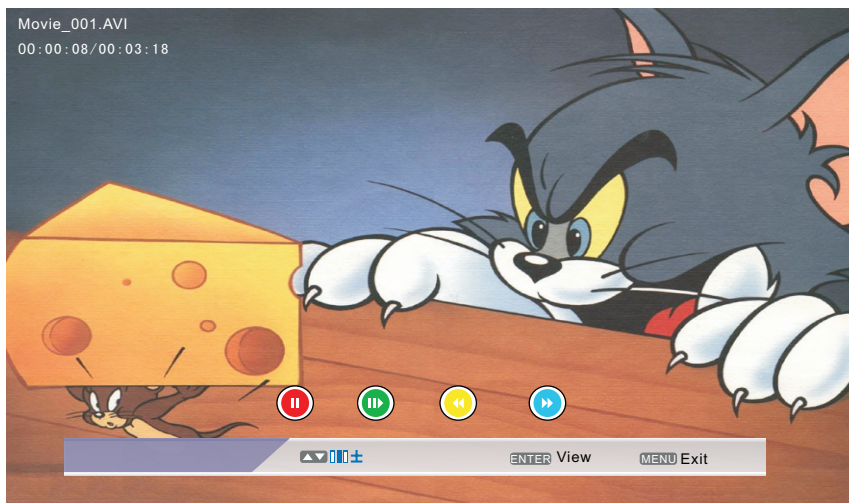


## ·My Movie



This option has four functions.

- Use the **【DISPLAY】** button to select device.
- Use the **【▲】 / 【▼】 / 【◀】 / 【▶】** arrow button to move to select picture.
- Use the **【ENTER】** button to view the picture selected.
- Use the **【MENU】** button to exit the picture preview menu.



- Use **RED** button on the remote control to make a pause, and use **RED** button again to continue playing the movie.
- Use **GREEN** button on the remote control to one-step-play, and use **GREEN** button again, you can set slow-forward speed to see the movie.
- Use **YELLOW** button on the remote control to set the fast-backward speed.
- Use **BLUE** button on the remote control to set the fast-forward speed.

## ·My Recorder



- Navigate using the **▲** / **▼** arrow buttons to select the options including Recorded List, Recording Device, Recording Preference, and then use **ENTER** button to enter the submenus.



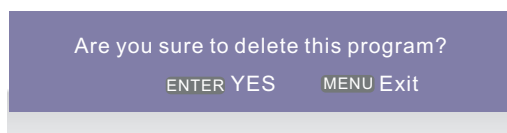
This option has five functions.

- Use the **【DISPLAY】** button to select device.
- Use the **【▲】** / **【▼】** arrow button to move to select file recorded.
- Use the **【ENTER】** button to select the file, and use it again to play the file.

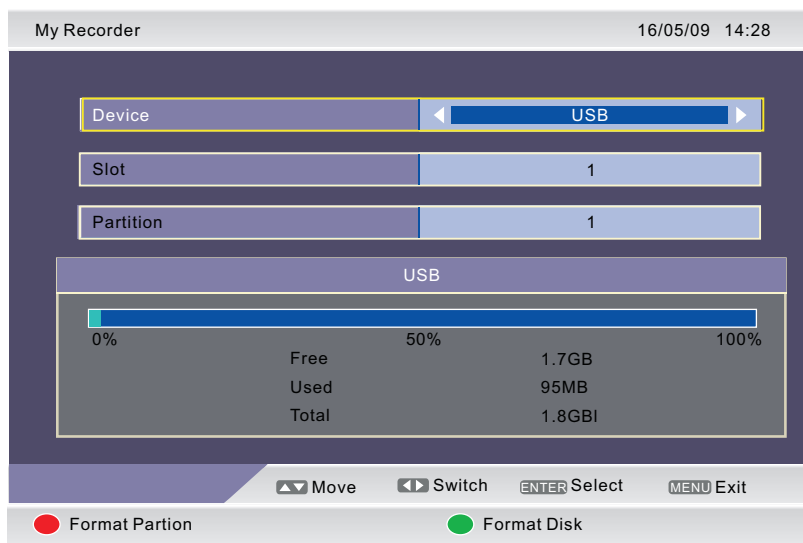


- Use the Red button to delete the file selected.

#### DTV

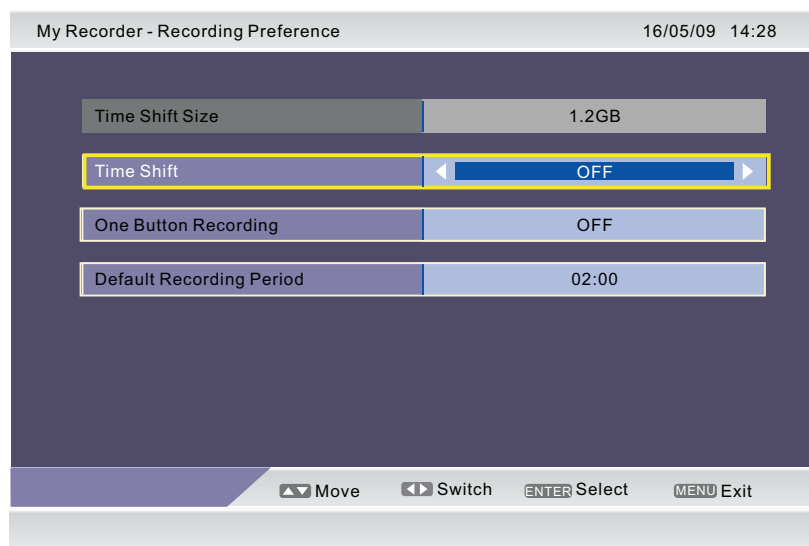


- Use the Green button to preview the file selected.
- Use the **【MENU】** button to exit the menu.



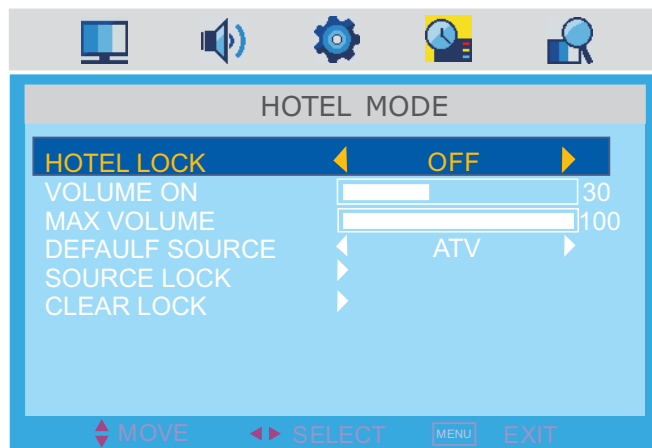
This option has five functions.

- Use the 【▲】 / 【▼】 arrow button to move to select the recorder.
- Use the 【◀】 / 【▶】 arrow button to change the recorder.
- Use the 【ENTER】 button to select the recorders.
- Use the Red button to format the select partition selected.
- Use the Green button to format all partitions.

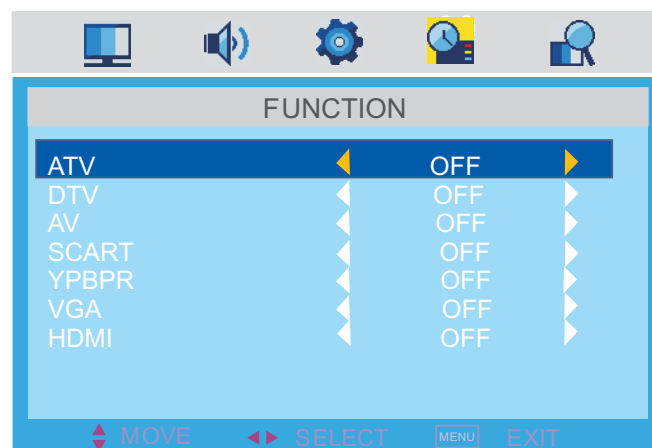


- This device's **Time Shift Size** is 1.2GB. This is just an example for reference, different device will have different time shift size.
- Use the 【▲】 / 【▼】 arrow button to move to select **Time Shift**. then Use the 【◀】 / 【▶】 arrow button to select between off, pause and auto.
- Use the 【▲】 / 【▼】 arrow button to select **One Button Recording**, tthen Use the 【◀】 / 【▶】 arrow button to select between off and on.
- Use the 【▲】 / 【▼】 arrow button to select **Default Recording Period**, tthen Use the 【◀】 / 【▶】 arrow button to set. The longest record duration is 8 hours, the shortest record duration is 15 minutes.





- Press MENU then press 1,2,2,9,show the hotel mode menu.
- Use down 【▼】 arrow button to highlight HOTEL LOCK. Navigate using 【◀】 / 【▶】 arrow button to select this option ON or OFF.
- When hotel mode is ON,Use down 【▼】 arrow button to highlight VOLUME ON. Navigate using 【◀】 / 【▶】 arrow button to increase or decrease the volume of power on.
- Use down 【▼】 arrow button to highlight MAX VOLUME. Navigate using 【◀】 / 【▶】 arrow button to increase or decrease the MAX VOLUME.
- Use down 【▼】 arrow button to highlight DEFAULT SOURCE. Navigate using 【◀】 / 【▶】 arrow button to select this option ATV/DTV/AV/SCART/YPBPR/VGA/HDMI.
- Use down 【▼】 arrow button to highlight SOURCE LOCK. Navigate using 【▶】 arrow button to lock source is ON or OFF.the FUNCTION menu is below.
- Use down 【▼】 arrow button to highlight CLEAR LOCK. Navigate using 【▶】 arrow button to clear hotel lock to off.



No Power	<ul style="list-style-type: none"> <li>● Check the AC cord of LCD TV is plus in or not. If still no power, please Pull out the plug and replug in after 60 seconds. And open the TV again.</li> </ul>
Signal receive not properly	<ul style="list-style-type: none"> <li>● To cause double image or phantom if there has high building or high mountain round TV. You can adjust image effect by manually operation: consult instruction of vernier regulation or change the direction of external antenna.</li> <li>● If you use the indoor antenna . under certain circumstance, receive will be more difficult .So you can change the direction of the antenna to adjust the image effect . If can't change image receiving effect either , you have to use external antenna.</li> </ul>
No picture	<ul style="list-style-type: none"> <li>● Check the antenna at the back of LCD TV is connected properly or not.</li> <li>● Try to select other channels and check whether the TV problem itself or not.</li> </ul>
Video is ok ,but without audio	<ul style="list-style-type: none"> <li>● Increase the volume.</li> <li>● Check the TV is in mute mode or not , and please press the mute button to make sound resume.</li> </ul>
Audio is ok, but color error or no picture.	<ul style="list-style-type: none"> <li>● Increase contrast and brightness.</li> </ul>
snow statics picture and noise	<ul style="list-style-type: none"> <li>● Check the antenna at the back of TV is connected or not .</li> </ul>
Level broken line	<ul style="list-style-type: none"> <li>● Maybe has electrical appliance interfere, such as hair drier, vacuum cleaner and so on, please turn off these kinds of electrical appliance.</li> </ul>
Dual-Image or "simulacrum" The LCD TV no response with the Remote.	<ul style="list-style-type: none"> <li>● Perhaps the location for the antenna is not good. Use the tall beamed antenna can be improved quality of the display image.</li> <li>● Operate the remote direct to the remote sensor on the TV. If still no response for the TV, please check if the plastic bag on the remote take or not. And check if the location for the battery is correct. Change the new battery.</li> <li>● The TV will shift to the STAND BY if no response from the remote in the few minutes.</li> </ul>
NO Video In. (PC Mode)	<ul style="list-style-type: none"> <li>● Please check if the display cable connect to the VGA correcte .</li> <li>● Please check if there has the bend on the display cable.</li> </ul>
Vertical twinkling (PC Mode)	<ul style="list-style-type: none"> <li>● Enter the main menu, Use the clock regulator for the Video display noise to eliminate the vertical line.</li> </ul>
horizontal ripping (PC Mode)	<ul style="list-style-type: none"> <li>● Adjust the Audio sound horizontal in the main menu to clear the horizontal ripping line.</li> </ul>
The screen is too bright or too dark (PC Mode)	<ul style="list-style-type: none"> <li>● Adjust the contrast ratio or brightness in the main menu.</li> </ul>
PC Function no response	<ul style="list-style-type: none"> <li>● Check the computer setting in the state of compatible display resolution</li> </ul>
Ripping line in RCA connecting	<ul style="list-style-type: none"> <li>● Please use good quality connecting cable.</li> </ul>
Problem still exist	<ul style="list-style-type: none"> <li>● Unplug the power cable and wait for 30 seconds, then connect. If there is some problem with our TV, do not repair it by yourself, please contact with the customer service center.</li> </ul>

Note: There will be complete picture and the brightness will come down if the TV is in the static picture for too long time, So please do not keep the TV in a state of same Menu or same picture that has much difference in brightness and contrast ratio for too long time.

Screen Size	24"
TV system	PAL/SECAM
Video system	PAL/NTSC
Preset Channels	99
Input/Output	IN: VGA, VIDEO input,HDMI,YPBPR PC Audio , ANT 75 $\Omega$ ,SCART , EARPHONE
Audio output power	3W X 2
Power requirement	AC 100-240V~ 50/60Hz
Power consumption	DC 12V $\equiv$ 4A
Accessories	User's manual      Remote controller Power cord      2 x AAA Batteries

**NOTE:**

This user manual is for reference only. Specifications are subject to change without notice.



If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)